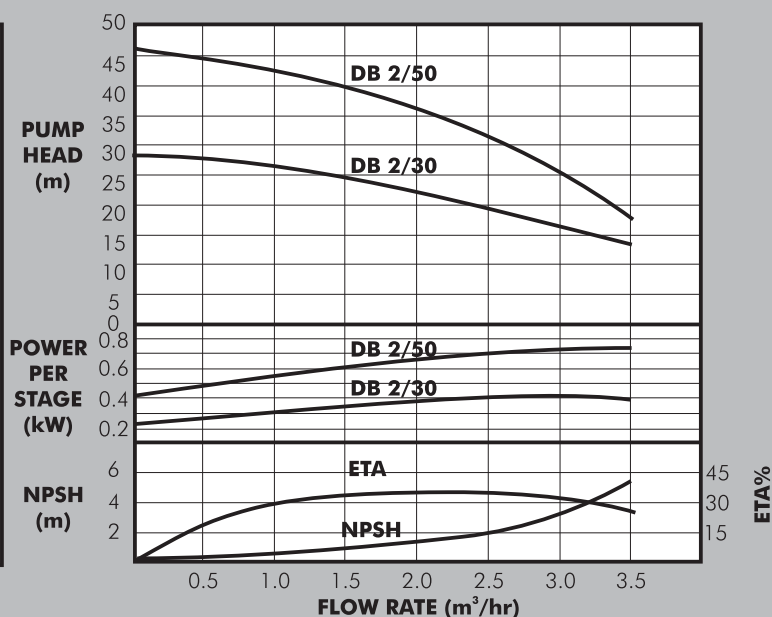




# DB2

## Horizontal Multistage Pumps



### PUMP

The DAYLIFF DB range of horizontal multistage centrifugal pumps are designed for continuous duty in various water transfer applications. The pump has small physical dimensions, axial suction port and radial discharge port and is base plate mounted. Suction chamber and pump head are made of grey cast iron, the impeller and impeller housing of stainless steel.

Both pump and continuously rated motor unit are of monoblock design, and particular attention has been paid to quietness and smooth operation.

### MOTOR

The pump is coupled to a totally enclosed, fan cooled DAYLIFF single phase squirrel-cage motor with built in thermal overload protection. When connected to a power outlet fuse or MCB protection must be provided.

**Enclosure Class:** IP54

**Insulation Class:** F

**Voltage:** 1x240V

**Speed:** 2900rpm

### OPERATING CONDITIONS

**Pumped liquids:** Thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.

**Liquid Temperature Range:** 0°C to +90°C.

**Max. Ambient Temperature:** +50°C

**Max. Suction Lift:** According to the NPSH curve plus a safety margin of 1.0m

**Max. Inlet Pressure:** 6 Bars

**Max. Operating Pressure:** 10 Bar up to 40°C  
6 Bar up to 90°C

### PUMP DATA

| Model   | Motor (W) | Current (A) | Dimensions (mm) |     |     |     |     |     |     | Weight (kg) |
|---------|-----------|-------------|-----------------|-----|-----|-----|-----|-----|-----|-------------|
|         |           |             | L1              | L2  | L3  | L4  | B1  | B2  | H   |             |
| DB 2/30 | 480       | 2.3         | 327             | 93  | 81  | 119 | 141 | 127 | 228 | 10          |
| DB 2/50 | 680       | 3.2         | 363             | 129 | 117 | 155 | 141 | 127 | 228 | 11          |

